**Contaminated ground water in Andhra Pradesh**

1049. DR. DASARI NARAYANA RAO: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that ground water in many areas in Andhra Pradesh is contaminated by salinity, fluoride, nitrate etc. thereby making the water dangerous for consumption;

(b) if so, the details thereof, district-wise and contaminants-wise; and

(c) the steps Government propose to take to make the ground water safe for consumption in these areas of the State?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) and (b) District-wise number of habitations where ground water has been found contaminated due to fluoride and brackishness in the State of Andhra Pradesh are given in Statement-I. District-wise number of stations where ground water has been found contaminated due to high levels of nitrate are given in Statement-II. (*See* below)

(c) Provision of safe drinking water is planned, financed and implemented by the State Governments. The State Government of Andhra Pradesh has prepared an action plan to solve the water quality problem for 13110 habitations by 2004-2005 at an estimated cost of Rs. 3480 crore. Rajiv Gandhi National Drinking Water Mission under the Ministry of Rural Development has been assisting and guiding the States in the provision of safe drinking water to the rural population under the Accelerated Rural Water Supply Programme, and exclusive Sub-Missions in areas having serious ground water quality problems like Fluoride, Nitrate, Brackishness etc. In urban areas, the Ministry of Urban Development & Poverty Alleviation assists the States for the provision of safe drinking water. The Central Ground Water Board has taken periodic monitoring of water quality. The data thus collected is made available to concerned State agencies.

**Statement-I**

*District-wise number of habitations where contaminated Ground Water is found*

| District | No. of quality affected habitations | |
|---|---|---|
| | Fluoride | Brackish |
| Adilabad | 310 | 15 |
| Anantapur | 1491 | 0 |
| Chittoor | 295 | 501 |
| Cuddapah | 538 | 322 |
| East Godavari | 24 | 1002 |
| Guntur | 425 | 345 |
| Karim Nagar | 643 | 105 |
| Khammam | 433 | 85 |
| Krishna | 624 | 409 |
| Kurnool | 574 | 153 |
| Medak | 602 | 99 |
| Mahaboobnagar | 627 | 40 |
| Nalgonda | 1122 | 193 |
| Nellore | 298 | 761 |
| Nizamabad | 535 | 206 |
| Prakasam | 1122 | 380 |
| Ranga Reddy | 419 | 48 |
| Srikakulam | 128 | 1802 |
| Visakhapatnam | 276 | 1232 |
| Vizayanagaram | 185 | 418 |
| Warrangal | 1382 | 179 |
| West Godavari | 14 | 222 |

**Statement-II**

*District-wise number of Stations where Ground Water is found contaminated due to high level of Nitrate*

| District | Total stations | Stations with excess Nitrate (100 mg/l) |
|---|---|---|
| Adilabad | 41 | 6 |
| Anantapur | 40 | 21 |
| Chittoor | 36 | 10 |
| Cuddapah | 34 | 11 |
| East Godavari | 37 | 3 |
| Guntur | 38 | 24 |
| Hyderabad | 14 | 6 |
| Karim Nagar | 24 | 9 |
| Khammam | 30 | 10 |
| Krishna | 31 | 2 |
| Kurnool | 22 | 10 |
| Medak | 28 | 3 |
| Mahaboobnagar | 12 | 15 |
| Nalgonda | 14 | 8 |
| Nellore | 48 | 16 |
| Nizamabad | 21 | 7 |
| Prakasam | 45 | 19 |
| Ranga Reddy | 10 | 5 |
| Srikakulam | 21 | 1 |
| Visakhapatnam | 24 | 5 |
| Vizayanagaram | 21 | 1 |
| Warrangal | 22 | 5 |
| West Godavari | 24 | 6 |
| TOTAL: | 637 | 203 |